

CLAIMS AS CURRENTLY PENDING

1. (Currently Amended) A wireless vehicle communication update system for a vehicle comprising:

an automotive vehicle comprising a vehicle central processing unit, said vehicle central processing unit containing manufacturer pre-coded settings contained within, said manufacturer pre-coded settings including engine control pre-coded settings;

a vision sensor coupled to said automotive vehicle and wirelessly detecting a ~~vehicle information~~ an updated pre-coded setting signal from an off-board vehicle setting update device; and

a vehicle controller comprising logic configured to update said vehicle central processing unit by ~~replacing said~~ updating at least one manufacturer pre-coded settings in response to said ~~vehicle information~~ updated pre-coded setting signal.

2. (Original) A system as in claim 1 wherein said vision sensor comprises at least one vision sensor selected from a camera, a charged coupled device, a bar code reader, an infrared detector, and a photodiode.

3. (Currently Amended) A system as in claim 1 wherein said vision sensor detects said ~~vehicle information~~ updated pre-coded setting signal from an off-board vehicle setting update device, said off-board vehicle setting update device generating no active signal.

4. (Withdrawn) A system as in claim 1 wherein said vision sensor detects said information signal from an active off-board vehicle setting update device.

5. (Withdrawn) A system as in claim 1 wherein said vision sensor in detecting said vehicle information signal detects at least one bar code.

6. (Currently Amended) A system as claim 1 wherein said vision sensor detects said ~~vehicle information~~ updated pre-coded setting signal from an off-board vehicle setting update system.

7. (Currently Amended) A system as in claim 6 wherein said off-board vehicle setting update system comprises:

a transmitter transmitting said ~~vehicle information~~ updated pre-coded setting signal in response to a pulse-coded signal;

a signal generator generating said pulse-coded signal; and

an update controller determining ~~said~~ at least one manufacturer pre-coded setting to update and causing generation and transmission of said pulse-coded signal and said ~~vehicle~~

~~information~~ updated pre-coded setting signal in response said at least one manufacturer pre-coded setting.

8. (Currently Amended) A system as in claim 1 further comprising a signal processor receiving and formatting said ~~vehicle information~~ updated pre-coded setting signal for said vehicle controller, said vehicle controller updating said at least one manufacturer pre-coded settings in response to said formatted ~~vehicle information~~ updated pre-coded setting signal.

9. (Previously Presented) A system as in claim 1 wherein said controller in updating said at least one setting comprises adjusting at least one manufacturer pre-coded setting selected from a memory setting, a switch state, and a variable setting.

10. (Previously Presented) A system as in claim 1 wherein said controller in updating said at least one manufacturer pre-coded setting updates a manufacturer pre-coded setting selected from at least one of a vehicle performance setting, a vehicle safety system setting, a software setting, a communication setting, a diagnostic setting, a system configuration, a dealer option setting, and a factory option setting.

11. (Previously Presented) A system as in claim 1 further comprising an indicator coupled to said vehicle controller and indicating at least one manufacturer pre-coded setting.

12. (Previously Presented) A system as in claim 1 further comprising an indicator coupled to said vehicle controller and indicating when said vehicle information signal is received.

13. (Withdrawn) A method of wirelessly communicating vehicle updates to a vehicle comprising:

detecting a vehicle information signal from an off-board vehicle setting update device containing setting information for the vehicle; and

updating at least one vehicle setting in response to said vehicle information signal.

14. (Withdrawn) A method as in claim 13 further comprising:

determining said at least one vehicle setting to update;

determining vehicle identification;

generating a coded signal in response said at least one vehicle setting and said vehicle identification; and

updating said at least one vehicle setting in response to said coded signal.

15. (Withdrawn) A method as in claim 13 further comprising:

determining said at least one vehicle setting to update;
determining vehicle identification;
generating a coded signal in response said at least one vehicle setting and said vehicle identification; and
updating an Internet site to contain an access to said coded signal.

16. (Withdrawn) A method as in claim 13 wherein updating said at least one vehicle setting is performed in response to at least one bar code.

17. (Withdrawn) A method as in claim 13 wherein updating said at least one vehicle setting is performed in response to at least one pulsed light signal.

18. (Withdrawn) A method as in claim 13 wherein updating at least one vehicle setting is ceased when the vehicle is in a drive or reverse gear.

19. (Withdrawn) A vehicle comprising:
a vision sensor wirelessly detecting a vehicle information signal from an off-board vehicle setting update device containing setting information for the vehicle and detecting an object and generating an object detection signal; and

a vehicle controller updating at least one vehicle setting in response to said vehicle information signal and generating a safety system signal in response to said object detection signal.

20. (Withdrawn) A vehicle as in claim 19 further comprising at least one countermeasure, said vehicle controller enabling said at least one countermeasure in response to said safety system signal.